

Project Title	Funding	Strategic Plan Objective	Institution
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$128,679	Q1.L.A	Autism Consortium
Baby Siblings Research Consortium	\$70,586	Q1.S.B	Autism Speaks (AS)
Evaluating Plasma and Urine Porphyrins as Biomarkers of ASD	\$251,038	Q1.L.A	BATTELLE CENTERS/PUB HLTH RES & EVALUATN
Developing fNIRS as a brain function indicator in at-risk infants	\$290,707	Q1.L.A	Birkbeck College
Markers of Early Speech Development in Children at Risk for Autism	\$5,000	Q1.L.B	Boston University
Early Biomarkers of Autism Spectrum Disorders in infants with Tuberous Sclerosis	\$3,463,622	Q1.L.A	CHILDREN'S HOSPITAL CORPORATION
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$0	Q1.L.A	City of New York, College of Staten Island
Identifying Biomarkers for Early Detection of Prosody Disorders in ASD using Electroglottography	\$35,000	Q1.L.A	Emory University
Visual Fixation on the Mouth: A Potential Index of Language Acquisition and Delay	\$29,500	Q1.L.A	Emory University
Intersensory Perception of Social Events: Typical and Atypical Development	\$134,355	Q1.L.C	FLORIDA INTERNATIONAL UNIVERSITY
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$29,500	Q1.L.A	Georgia State University
Autism: Social and Communication Predictors in Siblings	\$675,162	Q1.L.A	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$51,395	Q1.L.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Divergent biases for conspecifics as early markers for Autism Spectrum Disorders	\$242,653	Q1.L.A	New York University
Salivary oxytocin as a biomarker for autism spectrum disorder	\$224,875	Q1.L.A	SALIMETRICS, LLC
A functional near-infrared spectroscopy study of first signs of autism	\$128,805	Q1.L.A	Stanford University
A monkey model of naturally occurring low sociability	\$229,288	Q1.Other	Stanford University
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Neural assays and longitudinal assessment of infants at very high risk for ASD	\$179,232	Q1.L.A	University of California, Los Angeles
Predicting the Decline of Social Attention in Infants at Risk for Autism	\$178,128	Q1.L.A	University of California, Los Angeles
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Development of a blood-based biomarker for autism	\$62,500	Q1.L.A	University of California, San Francisco

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GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of California San Diego
I-Corps: Video Interface for Behavioral Evaluation	\$50,000	Q1.L.C	University of Kentucky
The early development of attentional mechanisms in ASD	\$119,406	Q1.L.B	University of Massachusetts, Boston
Development of postural control variability and preferential looking behavior in	\$189,814	Q1.L.A	University of Nebraska
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$0	Q1.L.A	University of North Carolina
Early Social and Emotional Development in Toddlers at Genetic Risk for Autism	\$368,827	Q1.L.A	University of Pittsburgh
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	\$0	Q1.L.A	University of Pittsburgh
Predicting Autism through Behavioral and Biomarkers of Attention in Infants	\$26,400	Q1.L.A	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of Texas Health Science Center, San Antonio
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Identification of candidate serum antibody biomarkers for ASD	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Molecular Mechanisms of Atypical Habituation in Autism Spectrum Disorders	\$474,949	Q1.L.A	University of Washington
Evaluating pupil size as a diagnostic tool in autism	\$78,197	Q1.L.A	University of Washington
fcMRI in Infants at High Risk for Autism	\$539,308	Q1.L.A	Washington University in St. Louis
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Extraction of Functional Subnetworks in Autism Using Multimodal MRI	\$356,327	Q1.L.B	Yale University
Improved early detection of autism using novel statistical methodology	\$0	Q1.L.B	Yale University
Novel Methods to Understand Brain Connectivity in Autism	\$5,000	Q1.L.B	Yale University
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	\$0	Q1.S.A	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	Yale University
COMPONENTS OF EMOTIONAL PROCESSING IN TODDLERS WITH ASD	\$669,551	Q1.L.A	Yale University

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Development of Face Processing in Infants with Autism Spectrum Disorders	\$409,613	Q1.L.B	Yale University
Undergraduate Research Award	\$3,000	Q1.L.C	Yale University

